

Float seaplanes—see HULLS AND FLOATS.
Flutter—see WINGS, TAIL, FIN AND RUDDER, AIRSCREW.
Freight compartments—see CABIN.

FUEL SYSTEM :—

Drainage for spilt fuel	Z.5	6
Filter	D.2	2
Fuel flow requirement	D.2	8
Fuel flow requirement	Z.5	5
Fuel for half-an-hour's flight required	D.2	1
Fuel gauges	D.2	6
Fuel gauges	Z.5	1
Fuel pumps	D.2	1, 5
Gravity and non-gravity systems	D.2	1
Tanks	D.2	7
Tanks	Z.5	3

FUSELAGE, FRONT (see also ALL COMPONENTS, and CABIN) :—

<i>Stressing requirements</i>			
C.P. Forward	B.2	3
Duplicate wires	B.3	16
Engine mounting cases	B.3	4
Inverted flight, high negative incidence	B.2	11
Landing	B.2	8
Safety harness, loads from	E.3	4

Other requirements

As for FUSELAGE, REAR, with following additions :—

Fireproof bulkhead	D.1	3
Fireproof bulkhead	G.1	1

FUSELAGE, REAR (see also ALL COMPONENTS, and CABIN) :—

<i>Stressing requirements</i>			
C.P. Back	B.2	4
C.P. Forward	B.2	3
Duplicate wires	B.3	16
Fast glide	B.2	5
Inverted flight, high negative incidence	B.2	11
Landing	B.2	6-9
Loads from safety harness	E.3	4
Over-riding minimum tail load	B.3	9
Safety harness, loads from	E.3	4
Side load from fin and rudder	B.3	5, 6
Superstall	B.3	1
Terminal velocity dive	B.2	10
Unsymmetrical tail plane load	B.3	10, 11

Other requirements

Aerials, see AERIALS.

Controls, locking	Z.3	12
Dural tubes thinner than 22 G.	B.5	18
Duplicate wires	B.3	16
Fabric and stringing	B.5	12
Fasteners for inspection doors	Z.3	17
Handling loads	B.5	17
Wiring lugs, design of	Z.3	4

Gliders—see TOWING.

Glued joints	B.5	23
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Harness, safety—see CABIN.

HULLS AND FLOATS (see also ALL COMPONENTS, and CABIN) :—

Stressing requirements

Boat seaplanes, landing tail-up	B.6	1
Boat seaplanes, pressure over planing bottom	B.6	3
Boat seaplanes, two-wave landing	B.6	2
C.P. Back	B.2	4
C.P. Forward	B.2	3